



Europäisches Patentamt
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(11) Publication number:

**0 313 005
A3**

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 88117368.6

(51) Int. Cl. 4: **G01N 33/574 , A61K 49/00 ,
G01N 33/80**

(22) Date of filing: 19.10.88

(30) Priority: 23.10.87 US 111667

(43) Date of publication of application:
26.04.89 Bulletin 89/17

(84) Designated Contracting States:
DE FR IT

(88) Date of deferred publication of the search report:
13.12.89 Bulletin 89/50

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(54) **Method for detecting carcinomatous and precarcinomatous colo-rectal disease.**

(57) A method for distinguishing between carcinomatous and/or precarcinomatous colo-rectal disease and histologically similar conditions due to diseases that are not carcinomatous or precarcinomatous comprising contacting colo-rectal tissue with an antibody that binds to blood group substance H and determining the presence of carcinomatous or precarcinomatous disease upon a finding of bound antibody, or the absence of such disease upon the finding of no bound antibody.

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PARTIAL EUROPEAN SEARCH REPORT
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proceedings, as the European search report

Application number

EP 88 11 7368 ✓

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|---|---|--|---|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl.4) |
| X,D | CANCER, vol. 59, no.1, 1967, pages 118-127 C. COMPTON et al.: "Immunohistochemical studies of blood group substance H in colorectal tumors using a monoclonal antibody" * Whole article * | 1,2,5,6,13 | G 01 N 33/574 A 61 K 49/00 G 01 N 33/80 |
| X | J. NATL. CANCER INST. vol. 77, no. 2, August 1986, pages 387-396, C.S. ERNST et al.: "Multiparameter evaluation of the expression in situ of normal and tumor-associated antigens in human colorectal carcinoma" * Pages 387-388; page 389, column 1, last 3 lines; page 394, column 1, last paragraph - page 394, column 2, line 5 * | 1,5,13 | TECHNICAL FIELDS SEARCHED (Int. Cl.4) G 01 N |
| INCOMPLETE SEARCH <p>The Search Division considers that the present European patent application does not comply with the provisions of the European Patent Convention to such an extent that it is not possible to carry out a meaningful search into the state of the art on the basis of some of the claims.</p> <p>Claims searched completely: 1,2,5-13 Claims searched incompletely: Claims not searched: 3,4 Reason for the limitation of the search:</p> <p>Method for treatment of the human or animal body by surgery or therapy (see art. 52(4) of the European Patent Convention).</p> | | | |
| Place of search The Hague | | Date of completion of the search 09-08-1989 | Examiner HITCHEN |
| CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document | | | |



| DOCUMENTS CONSIDERED TO BE RELEVANT | | | CLASSIFICATION OF THE APPLICATION (Int. Cl. 4) |
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| A | HYBRIDOMA, vol. 6, no. 4, 1987, pages 389-401, Mary Ann Liebert Inc.; U. RODECK et al.: "A mucin con- taining the X, Y, and H type 2 carbohydrate determinants is shed by carcinoma cells" * Whole abstract * -- | 1 | TECHNICAL FIELDS SEARCHED (Int. Cl. 4) |
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